

## **Bose® Home Theater Speakers**

**Model V-100 video speaker  
V-300™ home theater speaker set**

Owner's Guide

Brugervejledning

Bedienungsanleitung

Guia del usuario

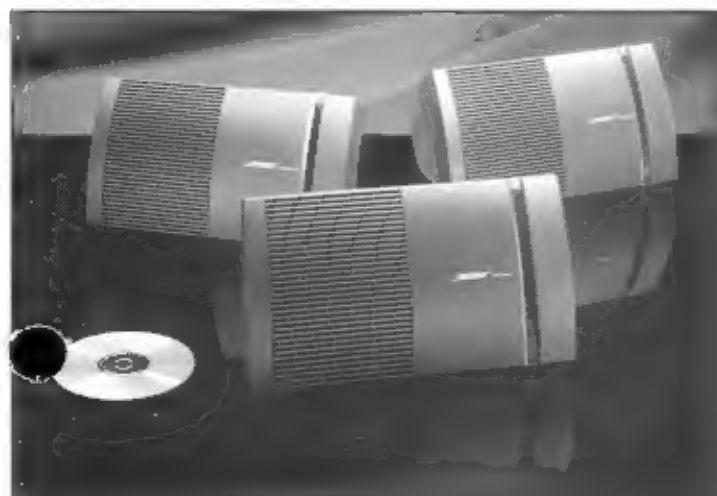
Notice d'utilisation

Manuale di istruzioni

Gebruiksaanwijzing

Bruksanvisningen

***BOSE***



## Where to find...

### Setting Up

Before you begin .....	3
Unpack the carton .....	4
Center the video speaker .....	5
Position your surround speakers .....	6
Connect the speakers .....	7
For the Model V-100 speaker, choose cord .....	7
For V-300™ speakers, use the supplied cord .....	7
Be sure to use the cord properly .....	7
Make the connections .....	8
Check the connections .....	9

### Completing Your Surround Sound Setup

Use your receiver to vary the sound .....	10
Test each speaker .....	10
Expand your home theater system .....	11

### Maintaining Your Home Theater Speakers

Cleaning speakers .....	12
Troubleshooting .....	12
Customer service .....	12
Warranty period .....	13

### Product Information

Technical information .....	13
Declaration of conformity .....	13

Appendix ..... ii – vi

Bose® Corporation ..... inside back cover

## For your records

A serial number and a date of manufacture (DOM) are located on the back of your video speaker. A DOM is also located on the back of each surround speaker.

Video speaker serial number: \_\_\_\_\_

Video speaker DOM: \_\_\_\_\_

Surround speaker DOM: \_\_\_\_\_

Dealer name: \_\_\_\_\_

Dealer phone: \_\_\_\_\_

Purchase date: \_\_\_\_\_

We suggest you keep your sales slip and warranty card together with this owner's guide.

## **Before you begin**

Thank you for choosing Bose® home theater speakers. Both Model V-100 video speaker and the V-300™ home theater speaker set are engineered specifically for use with video sound tracks. They are designed to make the most of audio for video (A/V) surround sound receivers or amplifiers with five amplified speaker outputs.

The StarDriver™ full-range driver in each speaker makes these Bose home theater products well-suited for movie dialogue or surround sound effects.

In either package you purchased, there is a single video speaker. Its magnetic shielding allows you to put this speaker close to your video screen without causing interference. There it will deliver clear, crisp soundtrack reproduction from the center channel. Other speakers at the front of your room provide the left and right video sound.

In addition to one video speaker, the V-300 set contains two unshielded surround speakers. They are designed for use at the rear of your room. Advanced design brackets included in this package make the surround speakers simple to mount on a wall or ceiling.

Please read and follow the instructions in this guide. They will help you set up and use your new home theater speakers for the fullest listening, and viewing, enjoyment.

## Unpack the carton

Carefully unpack the carton and save all packing materials for possible future use. Inspect the contents (Figure 1a or 1b).

If any speaker appears damaged, do not use it. Instead, repack all parts in the original carton and notify Bose® or your authorized Bose dealer immediately.

**Note:** Now is a good time to record the numbers found on the back of each speaker. Write them on your warranty card and on page 2 of this owner's guide.

### Model V-100 speaker carton



**Figure 1a**

The Model V-100 speaker carton contains:

- Video speaker
- 4 self-adhesive rubber feet

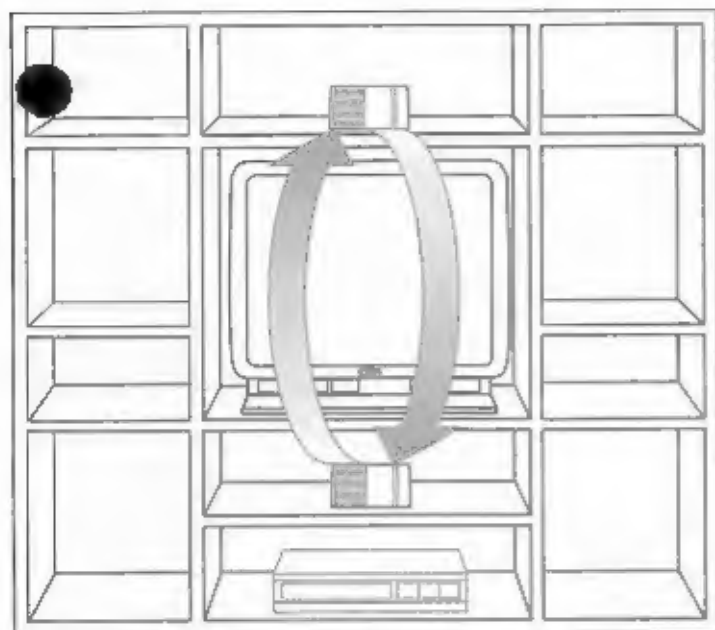
### V-300 speaker carton



**Figure 1b**

The V-300™ speaker carton contains:

- Video speaker
- 2 surround speakers
- 12 self-adhesive rubber feet
- 2 mounting brackets (assembled)
- Mounting hardware
- 3 speaker cords:
  - 1 20-foot cord for video speaker
  - 2 50-foot cords for surround speakers

**Figure 2**

Alternate choices for placing the center channel video speaker

### Center the video speaker

The video speaker provides center channel surround sound performance while taking up very little space. In its horizontal position, it fits easily on a shelf or table. You can also set the speaker directly above or below your television (Figure 2) for realistic dialogue. Magnetic shielding prevents video interference.

For full enjoyment, follow these placement guidelines:

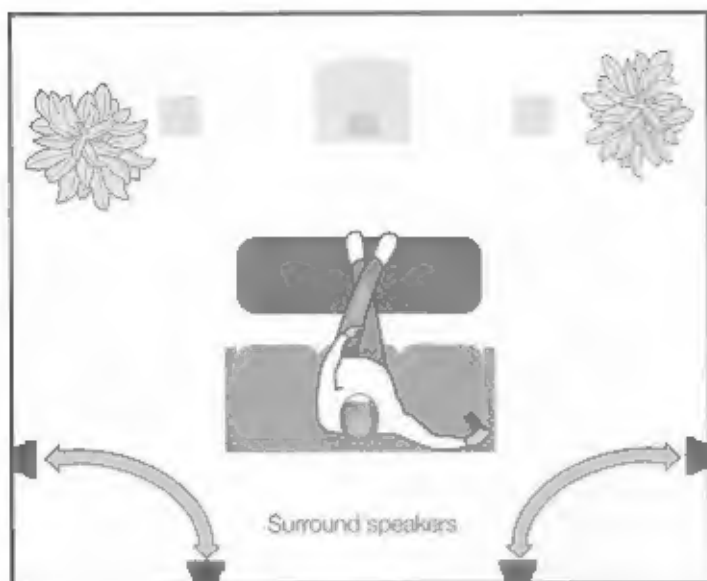
- Place the speaker very close to your television set.
- Be sure to set it on a level surface.
- Apply the supplied rubber feet to the bottom surface of the speaker (Figure 3).

### CAUTION:

Check for the Video Speaker label on the front of your speaker. That indicates the speaker is magnetically shielded, and can be placed close to your video screen.

**Figure 3**

Self-adhesive feet on the bottom of the video speaker



**Figure 4**

Alternate choices for placing the surround speakers

## Position your surround speakers

Surround speakers in the V-300™ speaker set provide surround sound effects from the rear of your viewing area (Figure 4).

Brackets that come with these speakers allow you to mount them on the wall or ceiling. If you use the supplied brackets, refer to the bracket instructions in the Appendix. Do not connect the speakers before reading those instructions.

If you prefer, set the speakers on a table or shelf in a horizontal or vertical position.

For accurate surround sound:

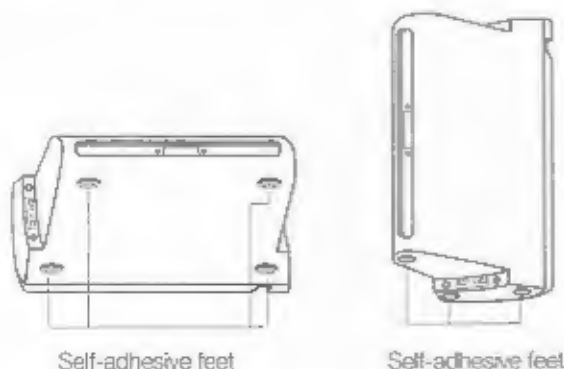
- Place these speakers behind the general viewing area, along the rear wall or to the rear of side walls.
- Make sure they are at least 2 feet (.6 m) from your video screen.
- Place both speakers at the same height.
- Place the speakers as far apart as your room allows.
- To mount the speakers on brackets, be sure to leave room to tighten the bracket screw.
- To stand the speakers horizontally or vertically, apply the rubber feet to their bottom surface (Figure 5).

## CAUTION:

Do not place the surround speakers within two feet of your video screen. They are not magnetically shielded and will cause serious video interference if placed too close to the screen.

## CAUTION:

The bracket screw must be inserted from the bottom on a vertically mounted bracket.



**Figure 5**

Self-adhesive feet on the bottom of a surround speaker in horizontal or vertical position

## Connect the speakers

If your receiver's center channel is not amplified, you must connect an amplifier to the receiver. Use an RCA cable to connect the center channel RCA-type output on the receiver to the RCA-type input on the amplifier. The speaker will then connect directly to the amplifier instead of to the receiver.

**Note:** Before running speaker cord through a wall or under a floor, check your local building code requirements and safety regulations. You may want to contact an electrical installer for this information.

### For the Model V-100 speaker, choose cord

It is important to use the proper gauge (thickness) of speaker cord. Standard zip cord (2-conductor, 18-gauge wire) works for most applications. You can find this wire at electrical and hardware stores.

At the ends of each cord, strip approximately 1/2 inch (12 mm) of insulation from both wires. Twist the bare end of each wire, so loose strands will not touch across terminals.

### For V-300<sup>™</sup> speakers, use the supplied cord

Use the supplied 20-foot cord to connect the video speaker that is close to your television. Use the two 50-foot cords to connect the surround speakers placed at the rear of your room.

**Note:** To place the surround speakers more than 50 feet from the receiver or amplifier, splice in 18-gauge (0.75 mm<sup>2</sup>) or thicker wire. Make sure to attach the wires positive to positive and negative to negative.

### Be sure to use the cord properly

Speaker cord consists of two insulated wires. The insulation around one wire is marked (striped, collared, or ribbed). This marked wire is always positive (+). The plain wire is always negative (-). These wires correspond to the red (+) and black (-) terminals on the speaker and the receiver or amplifier.

**Note:** It is sometimes difficult to distinguish wire markings. Inspect both wires carefully.

#### CAUTION:

Before making any connections, turn off your receiver or amplifier and unplug it from the AC power (mains) outlet. Not doing so may result in damage to your system.

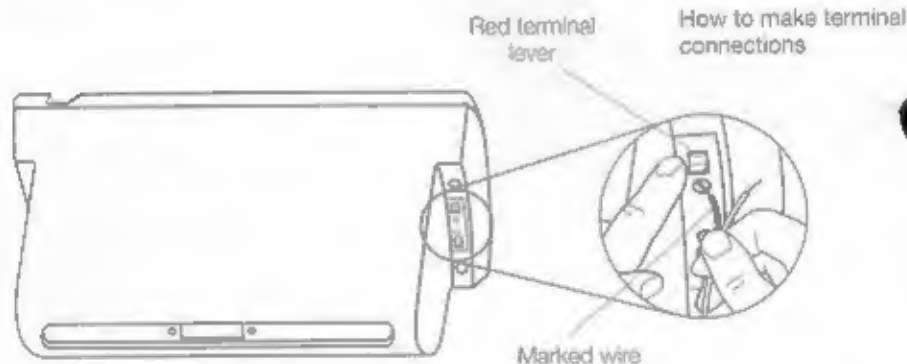
#### CAUTION:

Never use broken or frayed wiring, which can result in damage to your components.

**Make the connections**

At the connection end of the speaker, slide one terminal lever aside and insert the appropriate wire (Figure 6).

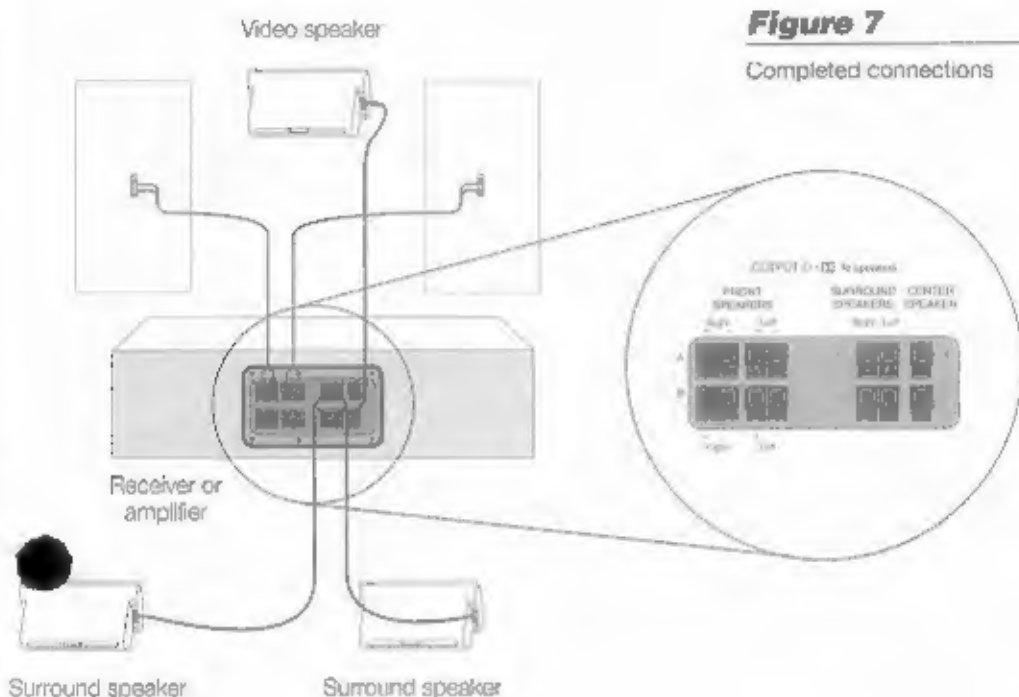
1. Connect one end of the speaker cord to your speaker.
  - a. Attach the marked wire to the red (+) terminal.
  - b. Attach the plain wire to the black (-) terminal.
2. Connect the other end of the same cord to your receiver or amplifier (Figure 7).
  - a. Attach the marked wire to the red (+) terminal.
  - b. Attach the plain wire to the black (-) terminal.
  - The video speaker connects to the CENTER SPEAKER outputs. Some surround sound receivers have two sets of center channel speaker outputs. Use either set.
  - The left surround speaker connects to the LEFT SURROUND SPEAKER outputs.
  - The right surround speaker connects to the RIGHT SURROUND SPEAKER outputs.





## Check the connections

Make sure each connection is made positive to positive (+ to +) and negative to negative (- to -). Check to be sure that no loose strands of wire touch across terminals. Bridged wires can short circuit and damage the electrical components. Tighten any loose connections before you plug in the receiver or amplifier and turn it on.



**Figure 7**

Completed connections

### Use your receiver to vary the sound

To use the video speaker in surround sound mode, be sure to set your receiver to NORMAL (Figure 8). That is important, no matter what brand or model of receiver you own.

Different surround sound receivers select the various speakers and adjust their volume in different ways. Some direct sound to all channels during CD or tape operation, as well as in the video mode. Others allow you to use the center and surround (rear) channels only for video sound.

The owner's guide that came with your specific receiver will explain how to adjust sound coming from the center and surround speakers.



**Figure 8**

The receiver or amplifier set for NORMAL surround sound mode

### Test each speaker

Before testing for proper operation, plug your receiver or amplifier into the AC power (mains) outlet and turn it on.

1. Set your receiver to NORMAL surround sound mode.
2. Refer to your receiver or amplifier owner's guide and follow the test procedure as described for that product.

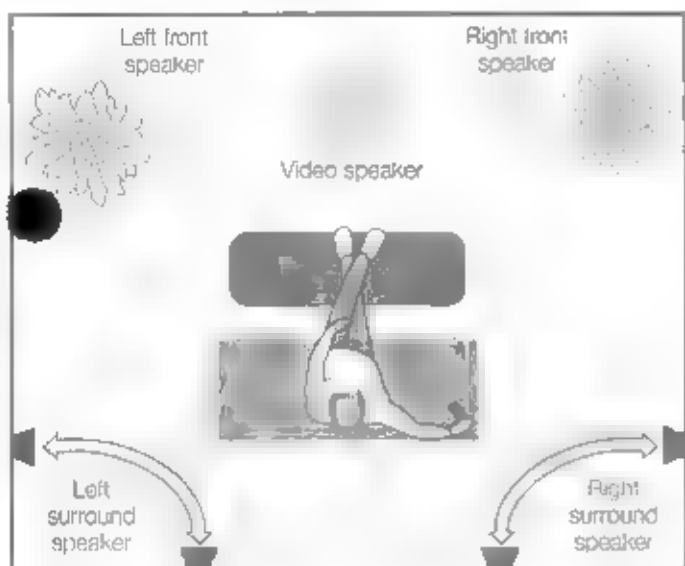
If there is a problem with the speaker performance, check the connections once more. Review "Connect the speakers" on page 7.

## Expand your home theater system

For effective home theater sound, you will place other speakers to the left and right of your video speaker (Figure 9). They connect to the **LEFT** and **RIGHT FRONT SPEAKER** channels of your receiver or amplifier. Together with your video speaker, these front speakers deliver the main audio for video performance.

The surround speakers, placed near the rear of your viewing room, deliver special sound effects that bring you the full impact of movies. If you need to add them, they will connect to the **LEFT** and **RIGHT SURROUND SPEAKER** channels on your receiver or amplifier.

Bose® offers a selection of speakers well-suited for completing your surround sound setup. These include the Bose Acoustimass®-5, Acoustimass-3, and Model 100 speakers, as well as Bose 201®, 301®, 2.2®, or 4.2® Direct/Reflecting® speakers. See your Bose dealer or contact Bose directly for more information.



**Figure 9**

Where to place speakers in a complete surround sound setup

## **Cleaning speakers**

Clean the outside of your Model V-100 or V-300™ speakers by wiping the speaker with a damp cloth. If necessary, use a mild detergent, like dish soap, being careful not to allow any liquid to spill through the grille into the speaker. No other maintenance is required.

## **Troubleshooting**

<b>Problem</b>	<b>What to do</b>
----------------	-------------------

No sound	<ul style="list-style-type: none"><li>• Make sure the amplifier or receiver is plugged in and turned on.</li><li>• Check the volume control.</li><li>• Check the mute button. ■ should not be selected.</li><li>• Make sure headphones are not connected to the receiver or amplifier.</li></ul>
Video speaker does not work	<ul style="list-style-type: none"><li>• Make sure your receiver or amplifier has an amplified center channel.</li><li>• Be sure your receiver or amplifier ■ set properly (refer to page 10).</li><li>• Check the audio source material to be sure it is encoded for surround sound.</li><li>• Check the speaker connections. Refer to "Make the connections" on page 8.</li></ul>
Surround speakers do not work	<ul style="list-style-type: none"><li>• Be sure your receiver or amplifier is set properly (refer to page 10).</li><li>• Check the audio source material to be sure it is encoded for surround sound.</li><li>• Check the speaker connections. Refer to "Make the connections" on page 8.</li></ul>
Sound is distorted	<ul style="list-style-type: none"><li>• Make sure the speaker cord is not damaged.</li><li>• Reduce the output level from your TV or other components connected to the receiver or amplifier.</li></ul>

## **Customer service**

If the troubleshooting guidelines above do not solve your problem, contact your authorized Bose® dealer to arrange for service. To obtain information or service directly from Bose, refer to the listing at the end of this guide. Bose Corporation will make every effort to correct any problem within the terms of your warranty.

## **Warranty period**

Bose® Model V-100 and V-300™ speakers are covered by a limited 5-year transferable warranty. Details of the coverage are provided on the warranty card that came with your

speakers. Please fill out the information section on that card, detach, and mail it to Bose®.

## Technical information

### Features

Syncom® computer quality control  
Magnetically shielded video speaker

### Driver complement per speaker

One (1) StarDriver™ 4.5" (11.4 cm) full-range driver

### Compatibility

Compatible with amplifiers or receivers rated 10-80 watts per channel; rated 4-8 ohm

### Enclosure

Gray, molded polymer with a tuned port

### Size/Weight

Each speaker: 5 1/2"H ■ 11"W x 6 1/2"D  
(14.6 x 28.0 x 16.5 cm)

Video speaker, unpacked: 3.9 lb (1.77 kg)

Surround speaker, unpacked: 3.2 ■ (1.47 kg)

Model V-100 speaker, packed in carton: 4.7 lb (2.13 kg)

V-100 speaker set, packed in carton: 12.5 ■ (5.7 kg)

## Declaration of Conformity



We, the offerer:

Bose® Corporation, The Mountain  
Framingham, MA 01701-9168 USA

acknowledge our sole responsibility, that the product:

Kind of equipment: **Loudspeakers**

Type designation: **Model V-100, V-300**

in accordance with EMC Directive 89/336/EEC and Article 10(1) of the Directive, ■ in compliance with the following norm(s) or document(s):

Technical regulations: **EN50081-1, EN50082-1**

Accredited by Bose Corporation

August 1995

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FAX 02 204-6122

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